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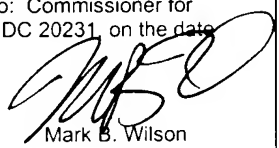
FULBRIGHT & JAWORSKI L.L.P.

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May 10, 2002

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date below:	
May 10, 2002	
Date	Mark B. Wilson

Commissioner for Patents
Washington, DC 20231

Re: *U.S. Patent Application No. 10/043,639 entitled "METHOD FOR PREPARING 1,3-PROPANEDIOL BY A RECOMBINANT MICRO-ORGANISM IN THE ABSENCE OF COENZYME B12 OR ONE OF ITS PRECURSORS" by Patricia Sarcabal et al.*
Client Reference: K616PCT/US
Our Reference: CHEP:004US


Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references (A1-A3, B1, C1-C5).

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No.: 50-1212/10200203/MBW.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,


Mark B. Wilson
Reg. No. 37,259

MBW cmb
Encl.: as noted
25164590.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re Application of:
Patricia Sarcabal *et al.*

Serial No.: 10/043,639

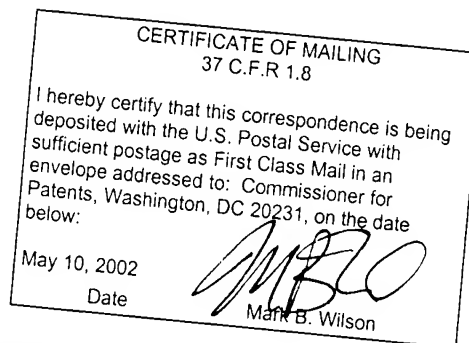
Filed: January 9, 2002

For: METHOD FOR PREPARING 1,3-
PROPANEDIOL BY A RECOMBINANT
MICRO-ORGANISM IN THE ABSENCE
OF COENZYME B12 OR ONE OF ITS
PRECURSORS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: CHEP:004US/MBW



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

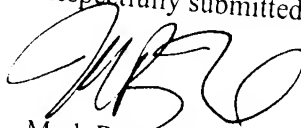
In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No.: 50-1212/10200203/MBW.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Mark B. Wilson
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Attorney for Applicants

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Date: May 10, 2002

Form PTO-1449 (modified)

Atty. Docket No.
CHEP:004US/MBWSerial No.
10/043,639

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

Applicant
Patricia Sarcabal *et al.*Filing Date:
January 9, 2002Group:
UnknownU.S. Patent Documents
*See Page 1*Foreign Patent Documents
*See Page 1*Other Art
See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,633,362	5/27/97	Nagarajan <i>et al.</i>	536	23.1	5/12/95
	A2	5,686,276	11/11/97	Laffend <i>et al.</i>	435	158	5/12/95
	A3	5,821,092	10/13/98	Nagarajan <i>et al.</i>	435	158	7/26/96

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	WO 98/21339	5/22/98	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Luers <i>et al.</i> , "Glycerol conversion to 1,3-propanediol by <i>Clostridium pasteurianum</i> : cloning and expression of the gene encoding 1,3-propanediol dehydrogenase," <i>FEMS Microbiology Letters</i> , 154:337-345, 1997.
	C2	Macis <i>et al.</i> , "Properties and sequences of the coenzyme B ₁₂ -dependent glycerol dehydratase of <i>Clostridium pasteurianum</i> ," <i>FEMS Microbiology Letters</i> , 164:21-28, 1998.
	C3	Reimann <i>et al.</i> , "1,3-propanediol formation with product-tolerant mutants of <i>Clostridium butyricum</i> DSM 5431 in continuous culture: productivity, carbon and electron flow," <i>J. Applied Microbiology</i> , 84:1125-1130, 1998.
	C4	Skraly <i>et al.</i> , "Construction and characterization of a 1,3-propanediol operon," <i>Applied and Environmental Microbiology</i> , 64(1):98-105, 1998.
	C5	Weidner and Sawers, "Molecular characterization of the genes encoding pyruvate formate-lyase and its activating enzyme of <i>Clostridium pasteurianum</i> ," <i>J. of Bacteriology</i> , 178(8):2440-2444, 1996.

25164545

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPE-P609. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.